

图1 通栏, 185 高

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云南银莲花属一新组和新种

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摘 要: 该文描述了自云南西北部发现的毛茛科银莲花属一新组, 维西银莲花组 Sect. *Deinostigma* 和新种, 维西银莲花 *Anemone weixiensis*。此组与卵叶银莲花组有亲缘关系, 与后者的区别在于其心皮较少, 约 11 枚, 子房被短柔毛, 柱头明显, 呈椭圆体形, 瘦果被短柔毛, 不扁, 无肋, 顶端具椭圆体形宿存柱头。

关键词: 毛茛科; 银莲花属; 新组; 新种; 云南

A new section with a new species of *Anemone* (Ranunculaceae) from Yunnan

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Abstract: A section, Sect. *Deinostigma* with a species, *Anemone weixiensis*, of the genus *Anemone* (Ranunculaceae) is described as new from north-western Yunnan Province. This section is related to Sect. *Begonifolia* (Ulbr.) Tamura, differing in its fewer carpels, puberulous ovaries, conspicuous ellipsoid stigmas, and puberulous neither compressed nor ribbed achenes at apex without persistent stigmas.

Key words: Ranunculaceae; *Anemone*; new section; new species; Yunnan

银莲花属 *Anemone* L.

银莲花亚属 Subgen. *Omalocarpus* (DC.) Juz.

维西银莲花组

Sect. ***Deinostigma*** W. T. Wang, sect. nov.

Ob rhizoma plus minusve verticale, flores in cymam umbelliformem pauci-floram dispositos, sepala 5, filamenta filiformia section nova haec est affinis Sect. *Begonifoliis* (Ulbr.) Tamura, a qua carpellis paucioribus ca. 11, ovariis puberulis, stigmatibus conspicuis ellipsoideis, acheniis puberulis nec compressis nec costatis apice stigmatibus persistentibus ellipsoideis praeditis differt. In Sect. *Begonifoliis*, carpella numerosa glabra, stigmata inconspicua, achenia glabra, dorso-ventraliter compressa dorso longitudinaliter 1-costata apice stigmatibus

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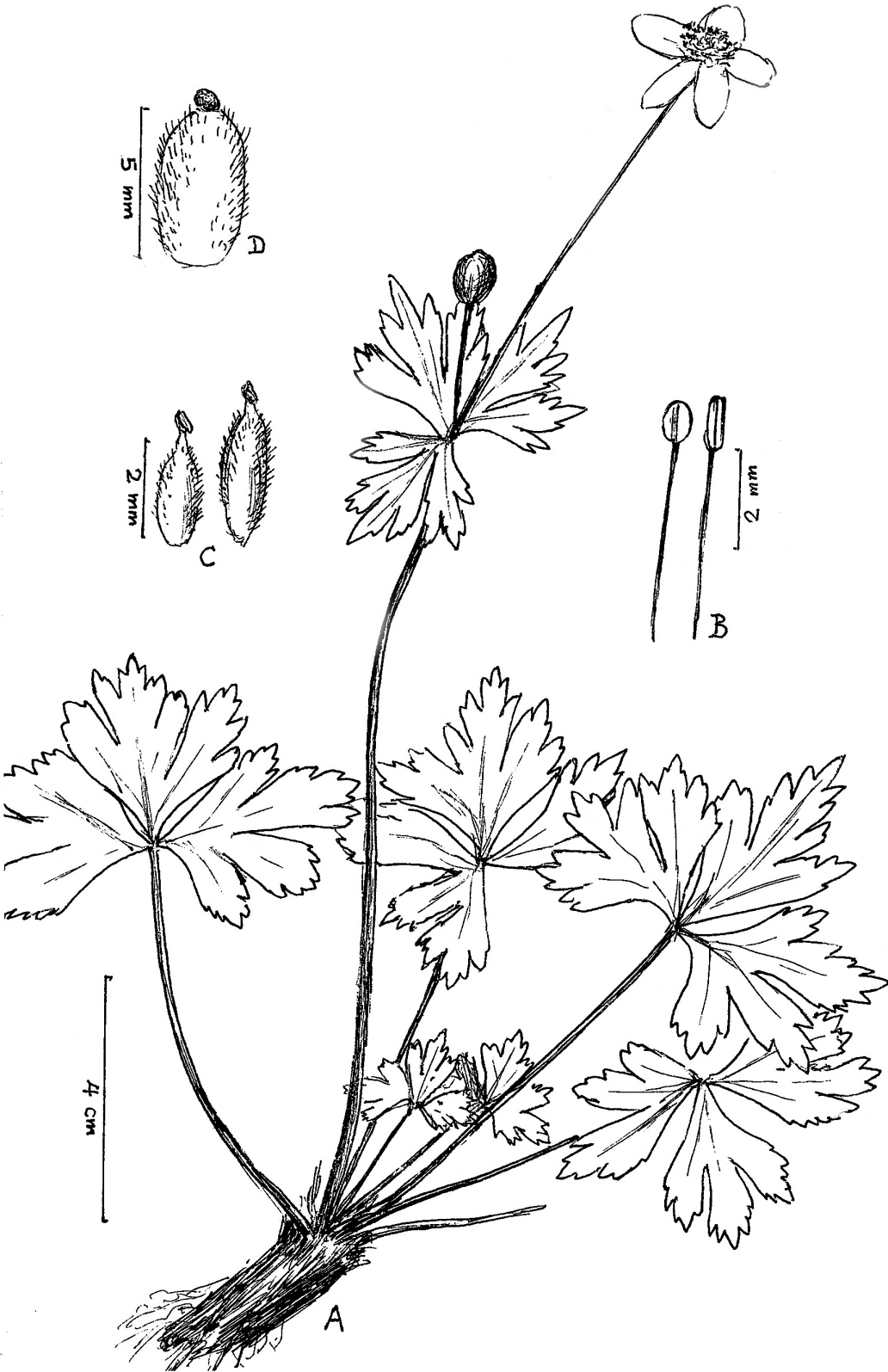


图 1. 维西银莲花: A. 开花植株; B. 二雄蕊; C. 二心皮 (据 holotype); D. 幼瘦果 (据 isotype)。

Figure 1. *Anemone weixiense*: A. flowering plant; B. two stamens; C. two carpels (from holotype); D. young achene (from isotype).

persistentibus carentia sunt.

Rhizome more or less vertical. Basal leaves simple, ca. 7, 3-sect. Cyme umbelliform, few-flowered; involucre bracts sessile, 3–4, foliaceous, 3-sect. Flower: sepals 5, white; filaments filiform; carpels ca. 11, ovaries puberulous, styles very short glabrous, stigmas conspicuous ellipsoid. Achenes broadly ellipsoid, puberulous, neither compressed nor ribbed, on apex with ellipsoid persistent stigmas.

Type: *Anemone weixiensis* W. T. Wang.

Species 1, endemic to Weixi Xian, Yunnan Province.

Etymology: deinos + stigma: Greek for curious mark or spot, indicating the conspicuous stigma of *Anemone weixiensis*.

本新组的根状茎多少垂直, 聚伞花序似伞形花序, 具少数花, 萼片 5 枚, 花丝丝形, 因此, 与也具上述特征的卵叶银莲花组 Sect. *Begonifolia* (Ulbr.) Tamura 有亲缘关系, 与后者的区别在于本组的心皮数目较少, 约 11 枚, 子房被短柔毛, 柱头明显, 呈椭圆体形, 瘦果被短柔毛, 不扁, 不具肋, 在顶端具椭圆体形宿存柱头。在卵叶银莲花组 Sect. *Begonifolia*, 心皮多数, 无毛, 柱头不明显, 瘦果无毛, 背腹扁, 在背部具 1 条纵肋, 在顶端无宿存柱头。(Tamura, 1995; Ziman, Bulakh, Kadota et al., 2008)

维西银莲花 图 1

Anemone weixiensis W. T. Wang, sp. nov. Fig. 1.

Perennial herbs. Rhizome more or less vertical, robust. Basal leaves ca. 7, long petiolate; blades papery, pentagonal, $1.6-3.2 \times 3-7$ cm, at base cordate, adaxially subglabrous, abaxially on nerves sparsely pubescent, 3-sect, central segment broadly rhombic, 3-fid, lobes at margin lobulated, with lobules 1-denticulate or entire, lateral segments obliquely flabellate, at base cuneate, unequally 2-parted, secondary lobes 2–3-lobed, on margin lobulated and denticulate, nerves adaxially flat, abaxially prominent; petioles 2–10 cm long, with a few hairs. Scape solitary, 9–15 cm tall, only near involucre with a few hairs; cyme umbel-like, 2–5-flowered; involucre bracts 3–4, unequal in size, subsessile, pentagonal or broadly rhombic, $2.2-3.5 \times 1.4-4$ cm, 3-parted, lobes 2–3-lobed, margin lobulated; pedicels 4–8 cm long, subglabrous. Flower: Sepals 5, white, oblong, $1.2-1.8 \times 0.5-0.6$ cm, glabrous, apex rounded. Stamens ca. 60, glabrous; filaments filiform, 3.5–5 mm long; anthers broadly elliptic or oblong, $1 \times 0.25-0.8$ mm, apex obtuse. Carpels ca. 11; ovaries sessile, ellipsoid, $2-2.6 \times 1-1.5$ mm, slightly compressed, ventrally and dorsally densely puberulous (hairs 0.3–0.5 mm long); styles 0.1–0.2 mm long, glabrous; stigmas ellipsoid, 0.3–0.4 mm long. Young achenes broadly ellipsoid, ca. 5×3 mm, puberulous; persistent stigmas 0.3–0.4 mm long.

云南 (Yunnan): 维西县, 栗地坪 (Weixi Xian, Lidiping), alt. 3100 m, 林间草地, 花白色, 果绿色 (in grassy places among forests, flowers white, fruits green), 2008-07-28, 杨亲二, 袁琼 (Q. E. Yang & Q. Yuan) 2042 (holotype and isotype, PE)。

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